

APPENDIX F-1

HANDLING AND GENERAL PROCEDURES FOR USE OF GEOSYNTHETIC BLANKETS

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Handling Procedures

The area for the geosynthetic blanket application is the active face. During daily landfill operations, the size of the working face will be maintained at a slightly smaller area than the panel dimensions. The working face will be 5 to 10 feet smaller in each dimension than the panel total area. After the last load of refuse has been placed, landfill compaction equipment will make extra passes over the refuse to leave as smooth a surface as possible. Laborers will carefully walk around the edge of the refuse face to remove any protruding objects which might snag on the cover material. Larger objects will be moved by landfill equipment. After compacting the surface, the blankets will be placed over the exposed refuse surface by either unfolding, rolling or pulling.

Landfill equipment and employees will place the blankets. The blankets will be anchored along the edges and across the center of the working face. The blankets will be removed before placing additional waste. The number of panels used each day will depend on the size and location of the refuse active face, and size of the panels. In those areas where refuse will not be placed within 180 days, a minimum of 12 inches of soil (intermediate cover) will be placed as required under 27CCR, Section 20700. Tears in the blanket will be repaired as recommended by the manufacturer. The design and operation of the GCLF will provide for the diversion of surface water away from areas of active filling, thus minimizing potential contact between the ADC and surface water.

General Procedures

The following items provide general information related to the operational activities associated with the geosynthetic blanket:

- Daily inspections of the material will be required to assure that it is still useful. If the geosynthetic blanket shows extreme wear or is torn beyond repair, it will be disposed and a new stock of material used.
- Employees will be reminded about working near exposed refuse. Protective clothing and footwear will be required for employees assigned to placing and removing the blanket.

- If the blanket material cannot be effectively placed due to wind and/or rain, then soil will be used for daily cover.
- Where appropriate, repairs to minor tears in the material will be made in accordance with the manufacturer's or supplier's recommendations.
- Where multiple panels are used, the same application/removal scheme will still apply. There will be at least 3 feet of overlap between panels or as recommended by the manufacturer and the panels shall be held-in-place.
- As allowed under 27 CCR, Section 20690(b)(1), the geosynthetic blanket products will be removed from the waste and the waste will be covered with new waste or approved cover materials within 24 hours of product placement, unless the product is intended to be non-reusable, or has been approved by the EA for continuous use beyond 24 hours. .
- Use of the geosynthetic blankets may be restricted during periods of heavy precipitation. The blanket will be allowed to dry before moving to avoid the potential for tearing.
- Records of performance related to special occurrences will be noted by the operator and include unusual performance of the blankets during windy and rainy conditions.
- Periodic updates will be noted as to any problems or suggestions in using the woven geosynthetic blankets. Recommended changes to operational procedures will be submitted to the EA.